



Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets if Necessary)	Atty. Docket No. Ch 7904/LsA 36,181	Serial No. 10/643,552
		Applicant Benjamin Mesequer et al	
		Filing Date 8/19/2003	Group To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DP	AA	5,484,926	01/16/96	Dressman et al.	546	114	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
DP	AL	91201	02/24/1897	Germany				x
I	AM	0639559	02/22/95	Europe				
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER <i>David F. L. H. G.</i>	DATE CONSIDERED 12/15/05
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.	

- Neither English Language Equivalent nor an English Language Translation is available.

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)	Atty. Docket No. CH-7904/LeA 36,181	Serial No. To Be Assigned
		Applicant Benjamin Meseguer	
		Filing Date Herewith	Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DP	AA	5,175,335	12/29/92	Casalnuovo et al	558	338	
	AB	5,990,320	11/23/99	Bel. to corresp. to EP Helmchen et al	885,897 549	218	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

DP	AR	T. V. RajanBabu, and Albert L. Casalnuovo; J. Am. Chem. Soc., (month unavailable) 1996, 118, pgs. 6325-6326; "Role of Electronic Asymmetry in the Design of New Ligands: The Asymmetric Hydrocyanation Reaction"
	AS	T.V. RajanBabu et al; J. Org. Chem., (month unavailable) 1997, 62, pgs. 6012-6028; "Carbohydrate Phosphinites as Practical Ligands in Asymmetric Catalysis: Electronic Effects and Dependence of Backbone Chirality in Rh-Catalyzed Asymmetric Hydrogenations. Synthesis of R- or S-Amino Acids Using Natural Sugars as Ligand Precursors"
	AT	Journal of Organic Chemistry, V62, Page 6012; RajanBabu, Supplemental pages 1-19;

EXAMINER

Sarah P. Hing

DATE CONSIDERED

12/15/05

EXAMINER Initial if referenced considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

Neither English Language Equivalent nor an English Language Translation is available.

Form PT 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)	Atty. Docket No. CH-7904/LeA 36,181	Serial No. To Be Assigned
		Applicant Benjamin Mesequer	
		Filing Date Herewith	Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SP	AR	A. Terfort Synthesis, October 1992, 10, pgs. 951-953; "Synthesis and Application of (3R,4R)-3,4-Bis(diphenylphosphino)tetrahydrofuran as Ligand for Asymmetric Hydrogenation of Acrylic Acids
	AS	W.R. Jackson and C. G. Lovel; Aust. J. Chem., (month unavailable) 1982, 35, pgs. 2069-2075; "The Stereochemistry of Organometallic Compounds. XXIII" Synthesis of a Chiral Diphosphinite (diphin) and Evaluation of its Use as a Ligand for Asymmetric Catalysts"
	AT	A. Kless et al; Tetrahedron: Asymmetry, Vol. 7, No. 1, pgs. 33-36; (month unavailable) 1996
		"Chiral Phosphinephosphites Having Axial and Central Chirality in Asymmetric Hydroformylations"
EXAMINER <i>Barbara P. L. [Signature]</i>		DATE CONSIDERED 12/15/05

EXAMINER Initial if referenced considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

- Neither English Language Equivalent nor an English Language Translation is available.

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)	Atty. Docket No. CH-7904/LeA 36,181	Serial No. To Be Assigned
		Applicant Benjamin Meseguer	
		Filing Date Herewith	Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	AR		Z. Lei, J.M. Min and L.H. Zhang; Tetrahedron: Asymmetry 11 (month unavailable) 2000, pgs. 2899-2906; "Synthesis of 3-deoxy-3-nucleobase-2,5-anhydro-D-mannitol: a novel class of hydroxymethyl-branched isonucleosides"
	AS		
	AT		
EXAMINER		DATE CONSIDERED	
<i>Shawn P. ...</i>		12/15/05	
EXAMINER Initial if referenced considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.			

- Neither English Language Equivalent nor an English Language Translation is available.